



A-GAS®



Environmental Services Cape Town, South Africa

Legislation in South Africa according to SANS 10147 prohibits the venting of refrigerants into the atmosphere.

SANS 10147 requires the refrigeration and air conditioning industry to recover and recycle refrigerant (CFCs, HCFCs and HFCs).

A-Gas South Africa has entered into the environmental services business with the introduction to their cylinder fleet of **Recovery** and **Pump Down** cylinders.



Recovery cylinder

Recovery cylinders are used for the sole purpose of returning used and/or contaminated refrigerant.



Pump Down cylinder

Pump Down cylinders are used as temporary refrigerant storage units on site while a system is being serviced or repaired.



A-GAS®



Environmental Services

Refrigerant Reclamation and Recycling

A-Gas provides customers with the necessary means to be able to meet the requirements of these standards by providing the following services:

- **Recovery** and **Pump Down** cylinders which are widely available through our wholesale network to recover used and contaminated refrigerant.



- Providing a fleet of dedicated **Recovery** and **Pump Down** cylinders with specialised valve technology. This allows engineers to retrieve waste refrigerants in a safe and environmentally responsible manner.

- State of the art Gas Chromatography equipment allows testing of the purity of returned refrigerants.

- The A-Gas laboratory is fully equipped to check refrigerants for moisture, residues, non condensables and acidity to ensure refrigerant after cleaning complies with the AHRI 700 standard and therefore can be classified under SANS 10147:2009 as 'reclaimed'.

- Creating a waste management program to sit alongside an existing cylinder tracking system. Utilising barcode technology this innovative system allows full traceability of material.

- Complete refrigerant lifecycle stewardship.

